ENVIRONMENTAL PROTECTION AGENCY

Office of Enforcement

CHAIN OF CUSTODY RECORD

REGION 5 77 West Jackson Boulevard Chicago, Illinois 60604

| PROJ. 02AH6 | | PROJEC Cheshire | | | ng study | | | | NO. | | | | Activity Code: 12346— |
|----------------------|-----------|--------------------|------|------|----------|---------|----------------|--------|-----------------|-----|-------------------|------|--|
| SAMPLER Mike Murp | | | | | | Make VI | Unos S | | OF | a) | t ^e // | | A1R 0208003 |
| STA. NO. | DATE | TIME | COMP | GRAB | , | STATIO | ON LOCATION | | CON- TAINERS | n a | | | TAG NUMBERS |
| DO1 | 7/25 | 00:00 | | | GHS | | | | 1 | | | | 5-340266 1 to 1 |
| SO1 | 7/25 | 00:00 | Х | | GHS | | | | 1 | | | | 5-340265 1 to 1 |
| SO2 | 7/25 | 00:00 | Х | | RVHS | | | | 1 | | | | 5-340267 1 to 1 |
| SO3 | 7/25 | 00:00 | Х | | ADDA' | VILLE | | | 1 | | | | 5-340268 1 to 1 |
| | | | | | | | | | | | | | GHS # 3012, Porg Aug = 21.5 |
| | - | | | | | | | | | | | | GHS # 3013, Psig Aug = 21.3 |
| | | | | | | | 110.00 | | | | | | RUHS , Psig Aug = 21.8 |
| | | | | | + | | | | | | | | Addoville, Psig Aug = 21.2 |
| | | | | | | - | | | | | | | 1742 aville , 1319 1709 - 21.2 |
| | | | | | | | ı | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | 1 | | | | | | |
| Relinquish M. M. M. | | Signature |) | 7. | Date / | | Received by: | | nature) | w y | | | Ship To: |
| Relinquish | ed by: (| Signature |) | | Date / | Time | Received by: | (Sig | nature) | 6 | | | |
| | | | | | | | | | | | | | ATTN: |
| Relinquish | ed by: (S | Signature |) | | Date / | Time | Received for I | aborat | ory by: | / , | ate / Tin | | Airbill Number UPS#12 401 199 01 4038 8807 |
| | | | - | | | | William | ~ /] | 5-14006 | 817 | 102/6 | SULA | Chain of Custody Seal Numbers |

| Project No. | Project Nam | ne CHESHIRE 08003 ARR | MUNITURING | - Stung | 901017 | , |
|-------------|---------------|--------------------------|--|------------------|----------------|-----------------|
| 02AH60 | 41R 020 | 08003 AMER | IVAZ DATE: ? | 1/25/2002 | DUG DATG: 8/28 | 12002 |
| Sampler | | | | | | |
| Mike Murphy | | | Annual Control of the | | | |
| Cooler ID | 02AH601 | Page 5-1400 | 66 | | | |
| Sample ld: | Station | Date / Time | Grab / Comp | Station Location | No Bottles | Tag Numbers |
| 02AH60DO1 | DO1 | 25/07/2002 00:00:00 | ○ Grab Com | GHS | 1 | 5-340266 1 to 1 |
| Bottle | No. 1 | Parameter | ē | | * | |
| | | PM10 | | | | |
| Sample Id: | Station | Date / Time | Grab / Comp | Station Location | No Bottles | Tag Numbers |
| 02AH60SO1 | SO1 | 25/07/2002 00:00:00 | ○ Grab Com | GHS | 1 | 5-340265 1 to 1 |
| Bottle | N o. 1 | Parameter | | | | |
| | | PM10 | | | | |
| Sample Id: | Station | Date / Time | Grab / Comp | Station Location | No Bottles | Tag Numbers |
| 02AH60SO2 | SO2 | 25/07/2002 00:00:00 | Grab Com | RVHS | 1 | 5-340267 1 to 1 |
| Bottle I | No. 1 | Parameter | | | | |
| | | PM10 | | | | |
| Sample ld: | Station | Date / Time | Grab / Comp | Station Location | No Bottles | Tag Numbers |
| 02AH60SO3 | SO3 | 25/07/2002 00:00:00 | Grab Com | ADDAVILLE | 1 | 5-340268 1 to 1 |
| Bottle I | No. 1 | Parameter | | | | |

PM10

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



REGION 5 CENTRAL REGIONAL LABORATORY

536 SOUTH CLARK STREET

CHICAGO, ILLINOIS 60605

OCT 2 3 2002

Date:

Subject:

Review of Region 5 Data for **CHESHIRE MONITORING STUDY**

From:

Francis A. Awanya, Chemist FA-A-

Region 5 Central Regional Laboratory

To:

Attached are the results for: **CHESHIRE MONITORING STUDY**

CRL data set number: 0208003

Samples analyzed for: Suspended Particles

Results are reported for sample designations: 2002AH60D01, 2002AH60S01, 2002AH60S02,

and 2002AH60S03.

| QCT | 13 | 53 | 2002 |
|--------|-----|----|------|
| A363 8 | tof | 29 | LUUL |

| | 40. 40 |
|--|----------------------|
| Data Management Coordinator and Date Received | |
| E Company of the Comp | |
| Date Transmitted: CT 2 3/2002 | 3 |
| Please have the U.S. EPA Project Manager/Officer complete the Customer attached, or call the CRL Sample Coordinator at 3-1226. | Satisfaction Survey, |
| Please sign and date this form below and return it with any comments to: | |
| Sylvia Griffin | |
| Data Management Coordinator | |
| Region 5 Central Regional Laboratory | |
| ML-10C | |
| (e): | |
| // | |
| Received by and Date | |
| e e | |
| Comments: | |

CRL Data Review Qualification Codes

| QUALIFIER | DESCRIPTION |
|-----------|---|
| В | This flag is used when the analyte is found in the associated <u>B</u> lank as well as the sample. It indicates possible blank contamination and warns the user to take appropriate action while assessing the data. See the case narrative for a discussion of common lab contaminants and/or the relative concentration of contamination in the samples and blanks for relevance. |
| J | This flag is used when the analyte is <u>estimated</u> due to quality control limit(s) being exceeded. This flag accompanies all GC/MS tentatively identified compounds (TICs). This flag also applies to a suspected, unidentified interference. This flag is placed on affected detected results as well as non-detected (i.e., "U" flagged) results. (<u>J</u> is the flag used in the Superfund CLP SOW and Data Review Functional Guidelines and is used by CRL for consistency.) |
| M | This flag is used when the analyte is confirmed to be qualitatively present in the sample, extract or digestate, with a quantity at or above the CRL <u>Method</u> Detection Limit (MDL) but below the lowest concentration of the calibration curve. This flag indicates the quantitated value is <u>estimated</u> since it falls below the lowest calibration standard in the calibration curve. |
| N | This flag applies to GC/MS Te <u>N</u> tatively Identified Compounds (TICs) that have a mass spectral library match. |
| Q | This flag applies to analyte data that are severely estimated due to quality control and/or Q uantitation problems, but are confirmed to be qualitatively present in the sample. No value is reported with this qualification flag. |
| R | This flag applies to analyte data that are <u>Rejected</u> and unusable due to severe quality control, quantitation and/or qualitative identification problems. No other qualification flags are reported for this analyte. <u>No value is reported with this qualification flag</u> . |
| U | This flag in used when the analyte was analyzed for but <u>Undetected</u> in the sample. The CRL RL for the analyte accompanies this flag. When the customer requests CRL to report below our RL down to our MDL, undetected analytes are reported with a "U" code and the MDL. As with sample results that are positive, the value is corrected for dry weight, dilution and/or sample weight or volume. |



Environmental Protection Agency Region 5

Central Regional Laboratory

536 South Clark Street, Chicago, IL 60605 Phone:(312)353-8370 Fax:(312)886-2591

WORK ORDER

Printed: 8/12/02 8:58:52AM

0208003

US EPA Region 5 Central Regional Laboratory

Client: Air Division, US EPA Region 5

Project: Gavin, Cheshire. Ohio

Project Manager:

Marilyn Jupp

Project Number:

[none]

Report To:

Kathy Triantafillou Air Division, US EPA Region 5 77 West Jackson Boulevard Chicago, IL 60605 Phone: (312) 353-4775

Fax: (312) 353-2001

Date Due:

Aug-28-02 15:00 (21 day TAT)

Received By:

William Sargent

Date Received:

Aug-07-02 10:01

Logged In By:

William Sargent

Date Logged In:

Aug-07-02 10:01

Samples Received at: All containers intact: °C No Starts 8-3-01 Ends 8-3-02

Sample labels/COC agree:

No No

Samples Preserved Properly: Custody Seals Present:

No

| Due | TAT | Expires | Comments |
|-----|-----|---------|----------|

0208003-01 2002AH60D01-GHS#3012,PSTG AVG=21.5 [Air Filter] Sampled Jul-25-02 00:00 Central

PM10

Analysis

Aug-28-02 12:00

21

Jul-25-03 00:00

0208003-02 2002AH60S01-GHS#3013, PSTG AVG=21.3 [Air Filter] Sampled

Jul-25-02 00:00 Central

PM10

Aug-28-02 12:00

21

Jul-25-03 00:00

0208003-03 2002AH60S02-RVHS, PSTG AVG=21.8 [Air Filter] Sampled

Jul-25-02 00:00 Central

PM10

PM10

Aug-28-02 12:00

21

Jul-25-03 00:00

0208003-04 2002AH60S02-ADDAVILLE, PSTG AVG=21.2 [Air Filter] Sampled

Jul-25-02 00:00 Central

Aug-28-02 12:00

21

Jul-25-03 00:00

| Data Set Number: | 0208003 | Paran | neter: | Suspended Particles |
|--------------------|-----------------|------------|--------|---------------------|
| Facility Name: | CHESHIRE MONITO | RING STUDY | | |
| Study Name: | CHESHIRE MONITO | RING STUDY | | |
| Date of Narrative: | 10/17/2002 | Analyst: | FAA | _ |
| Prepared by: | | Signature: | FA | 4 |

ANALYSIS CASE NARRATIVE

Four (4) exposed filters were received for suspended particle analysis at the Central Regional Laboratory (CRL) on August 07, 2002. Those filters were fractions of clean filters, prepared at the CRL and sent to the field for exposure. Filter identification numbers and other pertinent information obtained from the individual filters and packaging envelopes are presented in the table below.

| Filters ID | Samples ID | Tag Number |
|------------|-------------|------------|
| Q6597473 | 2002AH60D01 | 5-340266-1 |
| Q6597472 | 2002AH60S01 | 5-340265-1 |
| Q6597470 | 2002AH60S02 | 5-340267-1 |
| Q6597469 | 2002AH60S03 | 5-340268-1 |

Filter equilibrations and final weighting of exposed filters were performed according to CRL.SOP AIG047. Analysis of exposed filters began on 08/14/2002 and was completed on 08/16/2002. All exposed filters were in good conditions. No sampler serial numbers were provided by the field for filter G6597470 (CRL Sample I.D 2002AH60S02) and G6597469 (CRL Sample I.D 2002AH60S03).

QUALITY CONTROL (QC):

Analysis results were evaluated using the QC requirements of CRL.SOP AIG047. All the required quality control criteria for the laboratory, method, and system performance audits were evaluated and determined to be within the limits.

SAMPLE RESULTS:

All the sample results are acceptable for use.

ELECTRONIC DATA:

No electronic data.

ENVIRONMENTAL PROTECTION AGENCY REGION V CENTRAL REGIONAL LABORATORY FINAL RESULT REPORT FOR THE TEAM: ANALYTICAL AND INORGANIC (A&I)

DIVISION/BRANCH: AIR DIVISION SAMPLING DATE: 07/25/2002 LAB ARRIVAL DATE: 08/07/2002 DUE DATE: 08/28/2002

DU NUMBER: 90101A WORK ORDER NUMBER: 0208003 STUDY: CHESHIRE MONITORING STUDY PRIORITY: 1 LABORATORY: CRL

| SAMPLE # | CRL LOG NUMBER | SAMPLE DESCRIPTION | SUSPENDED PARTICLE (g/filter) | | 8 |
|-------------|-------------------|-----------------------|-------------------------------------|---|---|
| 1 | 2002AH60D01 | GUIDING HANDS SCHOOL | 0.0351 | | |
| 2 | 2002AH60S01 | GUIDING HANDS SCHOOL | 0.0524 | + > | |
| 3 | 2002AH60S02 | RVHS | 0.0521 | | |
| 4 | 2002AH60S03 | ADDAVILLE | 0.0512 | | |
| DATE O | F ANALYSIS | | 08/14-16/2002 | V. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10 | |
| AN. | ALYST | | FIAVA | | |

| Reviewed by: | #1. | Date: 10 / 21/2002 | Page 1 of I |
|--------------|-----|--------------------|-------------|
|--------------|-----|--------------------|-------------|

| CRL SOP: HK015 | Date: 07 January 2000 | Revision No: 1 |
|--|-----------------------|----------------|
| Data review for the Analytical and Ino | rganic Group | Pageof |

ATTACHMENT II

CRL Analytical and Inorganics Data Review Checklist

Batch Number: 0208003 Facility: GANIN, CHESHIRE. 0HIO

Parameter: SUSPENDED PARTICLES CRL.SOP: AIGOAT

| Package Overview: | YES | NO |
|--|-----|-----|
| Raw Data Package Complete? | | *35 |
| Results Reported Correctly? | | |
| Special Requests Done? | N/A | |
| Calculations Checked? | V | |
| Calibration Not Exceeded? | N/A | |
| Manual Peak Integration performed? Circle one IC or GC and Check | N/A | |
| Field QC Checked? | NIA | |
| Quality Control: | | |
| Holding Times Met? | V | |
| Preservation Checked? | W/A | |
| Proper Digestion Verified? | NA | |
| Initial Instrument Performance Checks Verified? | | |
| Calibration Verification Checked? | NIA | |
| Sample-Specific QC (Internal Standards or Analytical Spikes) Okay? | N/A | |
| Matrix QC Checked? | N/A | |
| Digestion Blanks Checked? | NIA | |
| Spiked Blank Checked? | NIA | |
| LCS (if applicable) Checked? | NIA | |
| QCS (if applicable) Checked? | N/A | |
| Final Check | | |
| Technical Review Done? | V | |
| Narrative Complete? | 1 | |
| Analyst: Peer Reviewer: M. | | · · |
| Date: 10/17/02 Date: 10/21/2002 | | |
| Comments Attached? (Y/N) | | |

| Data Set Number: | 0208003 | Paramet | ter: <u>Suspended Particles</u> |
|--------------------|-----------------|--------------|---------------------------------|
| Facility Name: | CHESHIRE MONITO | RING STUDY | |
| Study Name: | CHESHIRE MONITO | RING STUDY | |
| Date of Narrative: | 10/17/2002 | Analyst: 1 | FAA_ |
| Prepared by: | <u>raa</u> | Signature: _ | FAA |

ANALYSIS CASE NARRATIVE

Four (4) exposed filters were received for suspended particle analysis at the Central Regional Laboratory (CRL) on August 07, 2002. Those filters were fractions of clean filters, prepared at the CRL and sent to the field for exposure. Filter identification numbers and other pertinent information obtained from the individual filters and packaging envelopes are presented in the table below.

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| Q6597472 | 2002AH60S01 | 5-340265-1 |
| Q6597470 | 2002AH60S02 | 5-340267-1 |
| Q6597469 | 2002AH60S03 | 5-340268-1 |

Filter equilibrations and final weighting of exposed filters were performed according to CRL.SOP AIG047. Analysis of exposed filters began on 08/14/2002 and was completed on 08/16/2002. All exposed filters were in good conditions. No sampler serial numbers were provided by the field for filter G6597470 (CRL Sample I.D 2002AH60S02) and G6597469 (CRL Sample I.D 2002AH60S03).

QUALITY CONTROL (QC):

Analysis results were evaluated using the QC requirements of CRL.SOP AIG047. All the required quality control criteria for the laboratory, method, and system performance audits were evaluated and determined to be within the limits.

SAMPLE RESULTS:

All the sample results are acceptable for use.

ELECTRONIC DATA:

No electronic data.

PREPARATION BENCH SHEET

| 300 | |
|---------|--|
| B2J1602 | |

US EPA Region 5 Central Regional Laboratory

X 9.

Printed: 10/16/02 4:26:04PM

| Matrix: Air F | ilter | 1000 | | Prepared | l using: A&I | - General Pr | <u>eparation</u> | | | (No Surrogate) |
|---------------|----------|-----------------|----------------|--------------|--|--|--|-----------------|----------|--|
| Lab Number | Analysis | Prepared | Initial (g) | Final (g) | Spike ID | Source ID | ul Spike | ul Surrogate | Initials | Extraction Comments |
| 0207011-01 | PM10 | Aug-14-02 16:11 | 1 | 1 | | awaya da a a a a a a a a a a a a a a a a a | 13 | | | Agency and the second s |
| 0207011-02 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | SALUE CONTRACTOR OF THE PARTY O | | | |
| 0207011-03 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | 54.50160X | | | |
| 0207011-04 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | | | | 38-486-2002-2-1-3pp-1 |
| 0207012-01 | PM10 | Aug-14-02 16:11 | 1 | 1 | DANGE POR STATE OF THE PARTY OF | | | | | |
| 0207012-02 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | MAXXIVE VICENTIA | | | |
| 0208003-01 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | ****** | | | 1 |
| 0208003-02 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | garypanian | | | |
| 0208003-03 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | | | | AND THE PROPERTY OF THE PROPER |
| 0208003-04 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | | | | 300 THE |
| 0208004-01 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | ACTORVALE | 4000 | | |
| 0208004-02 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | | | | |
| 0208004-03 | PM10 | Aug-14-02 16:11 | 1 | 1 | | | | | | |
| 0208004-04 | PM10 | Aug-14-02 16:11 | 1 | 1 | | 3.1 | turnitus pane | | | 11 11 11 11 11 11 11 11 11 11 11 11 11 |
| B2J1602-DUP1 | QC | Aug-14-02 16:11 | 1 | 1 | | 0207012-01 | - | | | -112-12-7-09-09-09-09-09-09-09-09-09-09-09-09-09- |
| B2J1602-DUP2 | QC | Aug-14-02 16:11 | 1 | 1 | | 0208003-03 | ¥. | | | |

| | | | 9.8 | | Page 1 of 1 |
|----------------------|------|-------------------------|------|----------------------|-------------|
| Spiking Witnessed By | Date | Preparation Reviewed By | Date | Extracts Received By | Date |
| | JR | 8 | | | |
| | * | | | | |
| | | 15 E | | | |
| | | | | | |

CHESHIRE AIR MONITORING PROJECT PM10

Parameter: Suspended Particles

Work Ordert Numbers: 0207011, 0207012, 0208003, 0208004

Date of Analysis 8/16/2002

Analyst:

)Sedia

FAA

BALANCE VERIFICATION:

| Sandard Weights | Balanced weight | Differences | | |
|----------------------|---------------------|-------------------|--|--|
| Actual (g) | Balanced (g) | (g) | | |
| | | Limit +/-0.0005 g | | |
| Work Ordert Numbers: | 0207011, 0207012, 0 | 208003, 0208004 | | |
| 1.0000 | 0.9998 | 0.0002 | | |
| 2.0000 | 2.0001 | -0.0001 | | |
| 5.0000 | 5.0001 | -0.0001 | | |

QC-SUMMARY FOR EXPOSED FILTERS

| Filter ID | CRL Sample | Sampling | ANALYST | Exposed |
|----------------------------|-----------------------|-----------------|-----------|------------|
| Number | I.D Number | Date | | weight (g) |
| | | | | |
| Work Ordert Numbers: | : 0207011, 0207012, 0 | 208003, 0208004 | | |
| Q8609546 | 2002AH59D01 | 07/19/02 | Analyst 1 | 4.4171 |
| Q8609546 | 2002AH59D01 | 07/19/02 | Analyst 2 | 4.4169 |
| Differences (Limit +/- 5 i | mg) | | | 0.0002 |
| Q6597470 | 2002AH60S02 | 07/25/02 | Analyst 1 | 4.4664 |
| Q6597470 | 2002AH60S02 | 07/25/02 | Analyst 2 | 4.4664 |
| Differences (Limit +/- 5 | mg) | | | 0.0000 |

Sampling Date

CHESHIRE AIR MONITORING PROJECT PM10

| Filter ID | CRL Sample | Sampling | Station | Sampler | Pstq | P1/Pa | Total | Pre Weight | Exposed | Weight | PM10 |
|--------------|-----------------|----------|-----------------------------|---------|------------------------|-------|--------------|------------|------------|--------|----------|
| Number | I.D Number | Date | Location | SN | Avg | | Volume (M^3) | | weight (g) | Gain | (UG/M^3) |
| s, išlyt, sa | | | | | AND THE REAL PROPERTY. | | | | 2 2 5 | | 1 |
| Work Order | Number 0207011 | | | | | | | | | | |
| Q8609542 | 2002AH58D01 | 07/13/02 | Guiding Hands School | 3013 | 16.00 | | 0.00 | 4.3772 | 4.4053 | 0.0281 | ERR |
| Q8609550 | 2002AH58S01 | 07/13/02 | Guiding Hands School | 3012 | 16.05 | | 0.00 | 4.3860 | 4.4149 | 0.0289 | ERR |
| G8609543 | 2002AH58S02 | 07/13/02 | RVHS | - | 16.40 | | 0.00 | 4.3893 | 4.4172 | 0.0279 | ERR |
| Q8609544 | 2002AH58S03 | 07/13/02 | Addaville | - | 15.85 | | 0.00 | 4.3942 | 4.4215 | 0.0273 | ERR |
| Work Order | Number 0207012 | | | | | | | | | | |
| Q8609546 | 2002AH59D01 | 07/19/02 | Guiding Hands School | 3013 | 16.50 | | 0.00 | 4.3690 | 4.4171 | 0.0481 | ERR |
| Q8609545 | 2002AH59S01 | 07/19/02 | Guiding Hands School | 3012 | 16.40 | | 0.00 | 4.3801 | 4.4302 | 0.0501 | ERR |
| Work Order | Numbers 0208003 | | | | | | | | | | |
| Q6597473 | 2002AH60D01 | 07/25/02 | Guiding Hands School | 3012 | 21.50 | | 0.00 | 4.4380 | 4.4731 | 0.0351 | ERR |
| Q6597472 | 2002AH60S01 | 07/25/02 | Guiding Hands School | 3013 | 21.30 | | 0.00 | 4.4558 | 4.5082 | 0.0524 | ERR |
| Q6597470 | 2002AH60S02 | 07/25/02 | RVHS | - | 21.80 | | 0.00 | 4.4143 | 4.4664 | 0.0521 | ERR |
| Q6597469 | 2002AH60S03 | 07/25/02 | Addaville | - | 21.20 | | 0.00 | 4.4357 | 4.4869 | 0.0512 | ERR |
| Work Order | Number 0208004 | | | | | | | | | | |
| Q6597474 | 2002AH61D01 | 07/31/02 | Guiding Hands School | 3012 | 21.00 | | 0.00 | 4.4511 | 4.4803 | 0.0292 | ERR |
| Q6597477 | 2002AH61S01 | 07/31/02 | Guiding Hands School | 3013 | 21.20 | | 0.00 | 4.4380 | 4.4822 | 0.0442 | ERR |
| Q6597476 | 2002AH61S02 | 07/31/02 | RVHS | - 1 | 21.75 | | 0.00 | 4.4355 | 4.4760 | 0.0405 | ERR |
| Q6597478 | 2002AH61S03 | 07/31/02 | Addaville | - | 20.95 | | 0.00 | 4.4059 | 4.4435 | 0.0376 | ERR |

| FILT. | TARE wt (g) | Dup Wt(g) | Exposed wt (g) | Exposed wt Dup (g) | Comments |
|------------|--------------------|--------------|-------------------|--|------------------------------------|
| 06597495 | 4.4440 4.4357 h | | | 33 924-3 | |
| 8 6598,469 | 4.4357 | | 4.4869 | | |
| - 06598470 | 4,4/43 | | 4.4664 | 4,4664 AD | - 4 |
| 036597471 | 4.43502 | 4.4506 | * | | |
| 06597472 | 4.4558 | | 4.5082 | | |
| 06597473 | 4.4380 | | 4.4731 | | |
| 96597474 | 4.4.511 | so i | 4.4803 | | remine in the second |
| 9659747993 | 4.4035 | 4,4040 | 2 1 1 1 1 1 1 1 1 | | est number system is a straight of |
| 96597476 | 4.4355 | | 4.4760 | | |
| 96597477 | 4.4380 | | 4.4822 | and the second s | |
| 96597478 | 4.4059 | | 4.4435 | | |
| 06597479 | 4.4190 | | | | |
| 36597480 | 4,\$ 4166 | | | | |
| 06597481 | 4.4009 | | | | |
| 06597482 | 4.4009 | | | | - |
| 965974 894 | 4.4152 | | | D-POWER STATE | |
| 06597484 | 4.4140 | | | 20 | |
| 96587485 | 4.4080 | | | | |
| 06597484 | 4.3839 | | | | |
| 06597487 | 4.4050 | | | | |
| 06597488 | 4.4444 | | | G. Carlotte | |
| 06597489 | 4.4134 | 4.4133 | , in the second | . 1 | - |
| 00597490 | 4.3813 | | | V. | |
| 06597491 | 4.4264 | | | | |
| 86597492 | 4.4290 | - 1 | ė | indiana. | |
| 8659496 | 4.4216 | | | Adjigation (NO. 1.1.) | |

À

:SINBMNO: 01-Md **VCLUAL** $\mathbf{G}U$ uim/.m **WOJA JATOT** MOT: SAMPLEWT бншш TW JAITINI **SSELD** NG, RECORDER RESP. 21 百分 LEWb **EINVE MT** て別のE 作引り **3115** 45 OI-Me ROTAREGO -412 20/6/8 -527 **alvo** SHIT **US EPA Region 5 Field Sample** 5-340266-1 Parameters PM10 A1R 0208003 M MO B D Preservative None Sample ID 02AH60D01 Sampler Mile Murnh 7-25-02

| | | | | | WENTS: | VOO |
|--|-----------------------------|----------------|-----------------------|--|--|-------------------|
| B | TW JAMRI TW JAMMI TW BJAMAS | wuHd °C K | _TENP_ | | H RECORDER REPUBLIES OF THE SECONDER SE | AVE ELO GTS |
| | atka ku | ROTARBY(| | CIDE IL HOUSE SELECTION SE | <u> </u> | dSI -Wd |
| The state of the s | | Preservative N | 0208003 None s M N | AD B D | | |

COMMENTS: 01-Md ACTUAL **WOJR LATOT** ujuy, uj MOT: SAMPLE WT бншш TW JAITIŅI **SS38d** MININLES ELAPSED TIME 1440 WG. RECORDER RESP. 21.8 LEWb TW JAMIR SILE BYRE OLHUSSO () OL-We OPERATIOR CEPIT DVIE 1-32-67 SHIW **US EPA Region 5 Field Sample** Parameters PM10 AIR 0208003 Preservative None SMMDBD Sample ID 02AH60SO2

:SINBWWO: OF-M9 TULLOY **SYMPLE WT** WOJA JATOT uju/,:uj MOL Бишш TW JAITINI **DBE88 WINNIES** ELAPSED TIME onhi TW JAMF **O**o _____ TEMP AVG. RECORDER RESP. 21 & LAHLESON SITE Addounce DATE TASE OF OL-W. SHIW **US EPA Region 5 Field Sample** 5-340268-1 Parameters PM10 AIR 0208003 SMMDBD Preservative None Sample ID 02AH60S03 Sampler Mike Murys

ENV 9900 (HEARSED 10/61)

| GENERAL INFORMATION | STANDARD WEIGHTS ACTUAL(g) | BALANCED WEIGHTS BALANCED(g) |
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